

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-022722

(43)Date of publication of application : 23.01.1996

(51)Int.Cl.

H01B 13/00
C09D 5/24

(21)Application number : 06-157114

(71)Applicant : MITSUBISHI MATERIALS CORP

(22)Date of filing : 08.07.1994

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(54) TRANSPARENT CONDUCTIVE FILM FORMING COMPOSITION

(57)Abstract:

PURPOSE: To form a transparent conductive film whose haze is less than 1% and which has a surface resistivity of 10³ to 10⁵Ω/square or less and has low haze and low resistance.

CONSTITUTION: A transparent conductive film forming composition is composed of conductive fine powder (for example, tin-containing oxide indium fine powder), a solvent and a nonpolymer type film forming agent, and does not contain a polymer type binder, and has pH of 7.0 to 2.0. The film forming agent is selected from 2 alkoxyethanol of 10 to 900%, β-diketone of 0.2 to 500% and alkyl acetate of 0.2 to 500% to weight of the conductive fine powder.